AUTHOR INDEX

Bakule, L. (Prague, Czechoslovakia) and Straškraba, M. (České Budějovice, Czechoslovakia)	
On structural control strategies in aquatic ecosystems	171
Benndorf, J., see Koschel, R. et al.	
Fleishman, B.S. (Moscow, U.S.S.R.)	
Stochastic theory of community control	121
Gal'perin, M.V. (Moscow, U.S.S.R.)	
Principles of computer-aided event simulation in marine ecology	101
Goyer, R.A., see Rejmanek, M. et al.	101
Harmsen, R., see Woolhouse, M.E.J. and Harmsen, R.	
Kindlmann, P., see Lepš, J. and Kindlmann, P.	
Koschel, R. (Jena, German Democratic Republic), Benndorf, J. (Dresden, German	
Democratic Republic), Proft, G. (Jena, German Democratic Republic) and Reck-	
nagel, F. (Dresden, German Democratic Republic)	
Model-assisted evaluation of alternative hypotheses to explain the self-protection	50
mechanisms of lakes due to calcite precipitation	59
Kutas, T. (Budapest, Hungary) and Herodek, S. (Tihany, Hungary)	0.5
Effects of load reductions on the water quality of a large shallow lake	85
Lepš, J. and Kindlmann, P. (České Budějovice, Czechoslovakia)	
Models of the development of spatial pattern of an even-aged plant population over	
time	45
Lettenmaier, D.P., see Yearsley, J.R. and Lettenmaier, D.P.	
Lhotka, L. and Straškraba, M. (České Budějovice, Czechoslovakia)	
Combinatorial model of ecosystem dynamics	181
Loehr, J. (Karlsruhe, Federal Republic of Germany)	
Impact of the hydrodynamic conditions on the primary production in an im-	
pounded river	227
Mack, T.P. (Auburn, AL, U.S.A.), Smith, J.W., Jr. (College Station, TX, U.S.A.) and	
Reed, R.B. (Auburn, AL, U.S.A.)	
A mathematical model of the population dynamics of the lesser cornstalk borer,	
Elasmopalpus lignosellus	269
Mauersberger, P. (Berlin, German Democratic Republic) and Straškraba, M. (České	
Budějovice, Czechoslovakia)	
Two approaches to generalized ecosystem modelling: thermodynamic and cyber-	
netic	161
Nemchenko, O. (Kiev, U.S.S.R.)	
A compartmental model of metabolite utilization for plant growth	17
Ostojski, M.S. (Gdańsk, Poland)	
Mathematical model of sewage treatment plant operation	67
Proft. G., see Koschel, R. et al.	
Recknagel, F., see Koschel, R. et al.	
Reed, R.B., see Mack, T.P. et al.	
and the state of t	

Rejmánek, M. Smith, J.D. and Goyer, R.A. (Baton Rouge, LA, U.S.A.)	
Population dynamics of the forest tent caterpillar (Malacosoma disstria) in a water	
tupelo (Nyssa aquatica) forest: a simulation model	287
Smith, J.D., see Rejmánek, M. et al.	
Smith, J.W., Jr., see Mack, T.P. et al.	
Straškraba, M. (České Budějovice, Czechoslovakia)	
Editorial special issue Ecological Modelling at the Fourth Symposium 'Simulation	
of Systems in Biology and Medicine'-SISY, Praha, Czechoslovakia, 12-14 No-	
vember 1984	
see also Lhotka, L. and Straškraba, M.	
see also Mauersberger, P. and Straškraba, M.	
see also Bakule, L. and Straškraba, M.	
Vardavas, I.M. (Bondi Junction, N.S.W., Australia)	
Modelling the seasonal variation of net all-wave radiation flux and evaporation in a	
tropical wet-dry region	247
Vyhnálek, V. (České Budějovice, Czechoslovakia)	
Interactions between algae and zooplankton in a continuous cultivation system	33
Woolhouse, M.E.J. and Harmsen, R. (Kingston, Ont., Canada)	
A transition matrix model of the population dynamics of a two-prey-two-predator	
acarid complex	307
Yearsley, J.R. and Lettenmaier, D.P. (Seattle, WA, U.S.A.)	
Model complexity and data worth: an assessment of changes in the global carbon	
budget	201



